

Title (en)

Control device comprising at least two housing parts

Title (de)

Steuergerät bestehend aus mindestens zwei Gehäuseteilen

Title (fr)

Appareil de commande dont le boîtier est fait de deux parties au moins

Publication

EP 0854666 B1 20031126 (DE)

Application

EP 97116012 A 19970915

Priority

DE 19701731 A 19970120

Abstract (en)

[origin: EP0854666A2] The controller (10) has at least two housing parts (18,26) and at least one circuit board (11) populated with power components (15,16), whereby at least one power component (16) is connected to a cooling body on the side remote from the circuit board. The cooling body consists of at least one of the housing parts. At least one of the power components has its underside in contact with the housing part acting as a cooling body. Both sides of the circuit board can be populated with components.

IPC 1-7

H05K 5/00; **H05K 7/20**

IPC 8 full level

H05K 1/02 (2006.01); **H05K 5/00** (2006.01); **H05K 7/20** (2006.01); **H05K 1/05** (2006.01)

CPC (source: EP)

H05K 1/0206 (2013.01); **H05K 7/20409** (2013.01); **H05K 7/20854** (2013.01); **H05K 7/209** (2013.01); **H05K 1/05** (2013.01); **H05K 2201/0382** (2013.01); **H05K 2201/0999** (2013.01); **H05K 2201/10166** (2013.01)

Cited by

CN103137734A; EP1542522A3; CN102428764A; CN103582394A; FR2822341A1; EP1109432A1; EP1905288A4; FR2802384A1; FR3097095A1; DE19941690A1; DE19941690C2; CN112105239A; US7697300B2; DE102012213960A1; US6498726B2; US6572412B2; WO2010133389A1; WO0117069A1; DE102012213952A1; WO2014023460A1; US6469896B2; DE102016220833A1; WO2010006924A1; WO02057118A1; EP2064931A2

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